

CHECKLIST OF N. A. *RHAGONYCHA*

angulata Say	hirticula Green	oriflava LeConte
antennata Green	imbecillis LeConte	parvicollis Green
campestris Green	albolineata Blatchley	picticornis Green
cartwrighti Green	impar LeConte	proxima Green
cloughi Miskimen	lineola Fabricius	recta Melsheimer
coloradensis Green	parallela Say	rufipes Say
costipennis LeConte	sayi LeConte	pusilla LeConte
cruralis LeConte	longula LeConte	ruficollis LeConte
degener Blatchley	luteicollis Germar	scitula Say
excavata LeConte	cinctella LeConte	seiberti Miskimen
fenderi Miskimen	mandibularis Kirby	septentrionis Green
flavipes LeConte	nigritula LeConte	sylvatica Green
dichroa LeConte	mimetica Green	tantilla LeConte
fraxini Say	nanula LeConte	pusio LeConte
ater Kirby	nigriceps LeConte	tenuis Green
binodula Mannerheim	pusilla LeConte	triangulifera Green
nigrita LeConte	mollis Fall	umbrina Green
greeni Fall	ssp. mima Fall	vestigialis Green
heterodoxa Green	nigrohumeralis Green	vilis LeConte

This change, and other current studies, is helping to bring our understanding of the Cantharidae more in line with that of European workers and with modern taxonomic concepts.

LITERATURE CITED

- GREEN, J. W. 1940. Taxonomic studies in *Cantharis* (Coleoptera: Cantharidae). Ent. Amer. 20(4):159-214; 3 pl.
- MCKEY-FENDER, D. 1950. Notes on *Cantharis* III (Coleoptera: Cantharidae). Pan-Pacific Ent. 26(1):25-33; 26(2):61-79, 20 Fig.
- MISKIMEN, G. W. 1956. A faunal list of the Cantharidae (Coleoptera) of Ohio with descriptions of new species. Ohio J. Sci. 56(3):129-134; 12 Fig.

A NEW SPECIES OF *SCYMNUS* FROM MARYLAND
(COLEOPTERA: COCCINELLIDAE)HERBERT L. DOZIER, JR.¹

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ABSTRACT

Scymnus (*Scymnobius*) *gordoni* n. sp. is described from College Park, Maryland. The male genitalia and the female internal genitalia are figured.

I have placed the following new species of *Scymnus* in the subgenus *Scymnobius* Casey. I have some reservations at this time about whether

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Scymnobi Csy. is a synonym of *Nephus* Mulsant. The eyes seem to be much less emarginate in *Scymnobi* than in *Nephus*, and the metacoxal line of *Scymnobi* is similar to that of *Parascymnus* Chapin figured in Chapin 1965:208, as opposed to the figure of *Nephus* 1965:200.

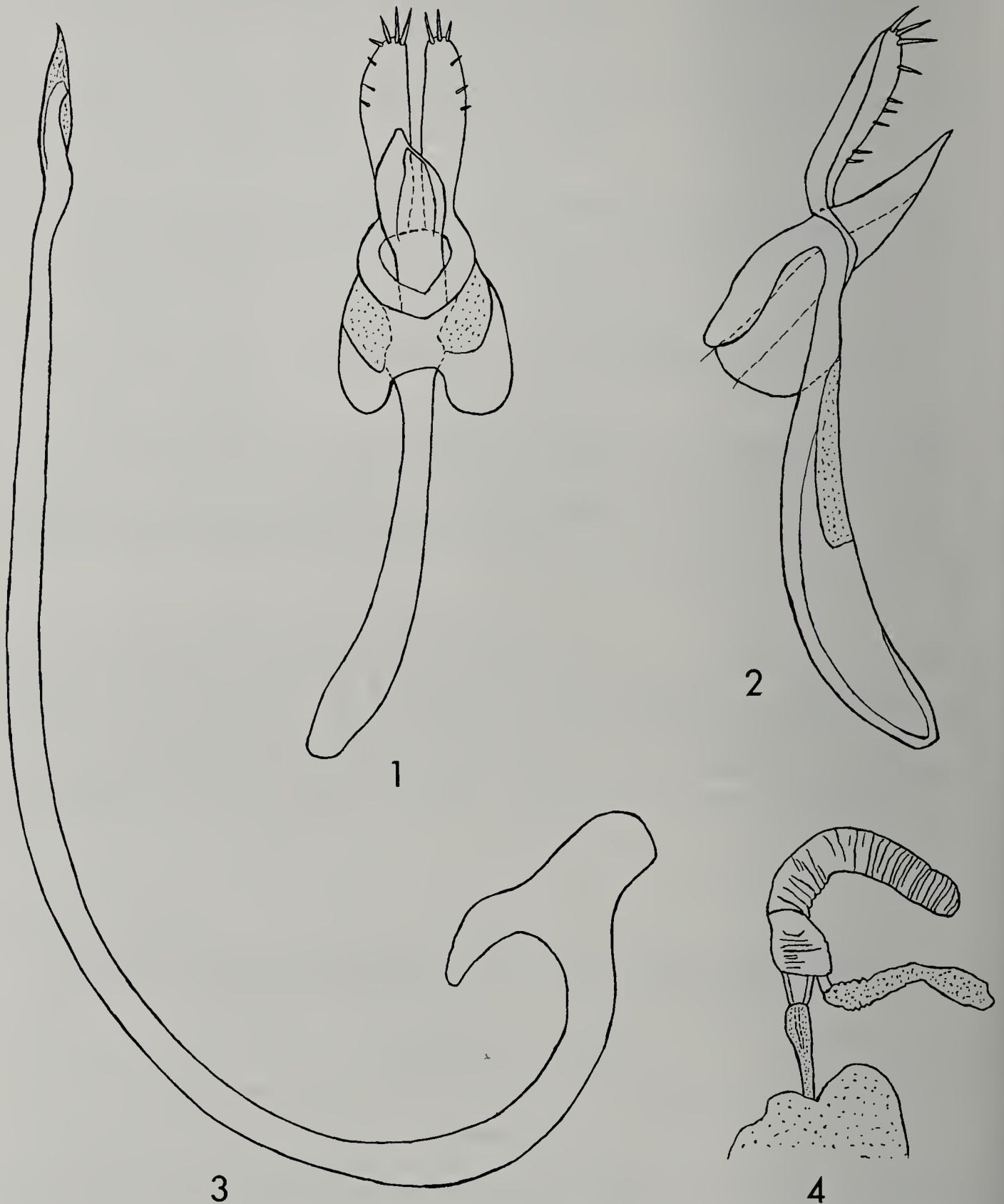


Fig. 1-4: *Scymnus gordonii* n. sp. 1) Male genitalia of holotype, phallobase, ventral view. 2) Male genitalia of holotype, phallobase, lateral view. 3) Male genitalia of holotype, siphon, lateral view. 4) Female internal genitalia of allotype.

Scymnus (Scymnobius) gordonii Dozier, NEW SPECIES
(Fig. 1-4)

HOLOTYPE MALE: Oval. Side of pronotum curved fairly uniformly into the side of the elytron.

Head: Dull red, ferruginous; minutely and closely punctate; heavily pubescent; eyes apparently entire but acutally minutely emarginate, finely faceted, pubescent; epistoma short and truncate.

Pronotum: Entirely dull red, ferruginous; minutely and closely punctate; heavily pubescent. Pubescence at center of the base inclinate toward midline; remaining pubescence generally inclinate toward apex.

Elytra: Black; apical bead and very tip edge (apical 1/32) brown; humeral callus distinct; minutely and shallowly, closely, punctate; heavily pubescent. Pubescence swirled in an "S" pattern (i.e. basal 1/4 inclinate laterally, second 1/4 inclinate apically and then toward the suture, apical half inclinate laterally).

Underside: Prosternum ferruginous; slightly convex, punctate, pubescent, not carinate. Meso- and metasterna black punctate, pubescent. Elytral epipleura brown. Abdominal sternites black (5th sternite appeared brown prior to dissection and placing in KOH), finely punctate, pubescent. First sternite not modified in the middle. Inner portion of metacoxal line evenly arcuate, line not attaining apex of segment, extending laterally nearly parallel to apex of segment to a point near lateral edge. Distance between metacoxal line and apex of segment approximately 1/4 length of metacoxal plate. Inner 1/3 of metacoxal plate less densely punctate, lateral 2/3 densely punctate. Sixth sternite very short, small, truncate or very slightly emarginate at center, apical hair thicker and longer on each side of center, sparse in center. Legs and tarsi entirely ferruginous.

Genitalia: Shown in Fig. 1-3.

ALLOTYPE FEMALE: Abdominal sternites brown. Sixth sternite very small but rounded, normal. Metacoxal plate more densely punctate than in male. Internal genitalia shown in Fig. 4.

Length: holotype, 1.9mm; allotype, 2.1mm; paratypes 1.8-2.05mm.

Width: holotype, 1.3mm; allotype, 1.4mm; paratypes 1.3-1.45mm.

SPECIMENS EXAMINED: *Holotype:* Maryland, College Park, 15-IX-68, H. L. Dozier, sweeping chinquapin oak. *Allotype:* Maryland, College Park, 26-VIII-67, H. L. Dozier. *Paratypes:* (2 males, 3 females) all same data as types except: 15-IX-68, 1 male [U.S. Nat'l. Mus] and 2 females [1 Florida St. Colln. Arthropods]; 22-IX-68, 1 male; 8-IX-68, 1 female. The holotype, allotype, and all paratypes (except those noted) are in my collection.

It will run to the subgenus *Scymnobius* in Casey's (1899) key but goes no further because the elytra are black and have no spots or markings.

I am indebted to Dr. Robert D. Gordon for his dissections of the genitalia of the type series, and I take pleasure in naming this species after him in recognition of his work on the Coccinellidae.

LITERATURE CITED

- CASEY, T. L. 1899. A revision of the American Coccinellidae. J. New York Ent. Soc. 7(2):71-169.
CHAPIN, E. A. 1965. Coleoptera: Coccinellidae. Insects of Micronesia 16(5):189-254.